

Exhibit A

Clean Version of The Pending Claims in U.S. Patent Application Ser. No. 09/689,911

1. (Amended) An isolated nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO: 1.
2. (Twice Amended) An isolated nucleic acid molecule comprising a nucleotide sequence that:
 - (a) encodes the amino acid sequence shown in SEQ ID NO: 2; and
 - (b) hybridizes to the nucleotide sequence of SEQ ID NO: 1 or the complement thereof under highly stringent conditions of 0.5 M NaHPO₄, 7% sodium dodecyl sulfate (SDS) and 1 mM EDTA at 65°C and washing in 0.1x SSC/0.1%SDS at 68°C.
3. An isolated nucleic acid molecule comprising a nucleotide sequence that encodes the amino acid sequence shown in SEQ ID NO: 2.
4. (Amended) An isolated nucleic acid molecule comprising a nucleotide sequence that encodes the amino acid sequence from amino acid number 33 to amino acid number 141 of SEQ ID NO:2.
5. A recombinant expression vector comprising the nucleic acid molecule of claim 4.
6. The recombinant expression vector of claim 5, wherein the nucleic acid molecule comprises a nucleotide sequence that encodes the amino acid sequence shown in SEQ ID NO: 2.
7. The recombinant expression vector of claim 6, wherein the nucleic acid molecule comprises the nucleotide sequence of SEQ ID NO:1.

8. A host cell comprising the recombinant expression vector of claim 5.